Online Certification Course

on

Applied Data Science with Python

[Batch will start on April 20, 2021]

[Timing - 4 PM- 7 PM]

under the aegis of

Electronics & ICT Academy IIT Roorkee

Supported by

Ministry of Electronics & Information Technology
Government of India

Experts from Academia/Industry

Prof. R. Balasubramanian, IIT Roorkee

Prof. Sumit Kalra, IIT Jodhpur

Mr. Pranav Pravin Gandhi from

Uniconverge Technologies Pvt. Ltd.

Principal Investigator
Prof. Sanjeev Manhas, IIT Roorkee
Certificates to participants by E&ICT Academy IIT Roorkee

Class will be delivered through online platform

Why Data Science ?

In 2012, Harvard Business Review dubbed Data Scientist the most exciting job of the 21st Century.

Data Science has bagged the top spot in LinkedIn's Emerging Jobs Report for the last three years. Thousands of companies need team members who can transform data sets into strategic forecasts. Acquire in-demand data science and Python skills and meet that need.

Data Science and AI have taken the centre-stage as more and more brands realise the possibilities of these tools in the post-COVID world. The demand for data engineers was up 50% and the demand for data scientists was up 32% in 2020 compared to the prior year.

Objectives of the course

- To develop relevant programming abilities.
- To demonstrate proficiency with statistical analysis of data.
- To develop the ability to build and assess data-based models.
- To Reinforce your learning with hands-on exercises and engaging learning content.
- To apply data science concepts and methods to solve problems in real-world contexts.
- Take advantage of the experiential learning and build your portfolio in a real-world simulation.

Course Features

- 60+ Hours of live instructor-led classes.
- Lectures from IIT Roorkee, Hands-on from industry experts.
- Soft Skills and Pedagogy Sessions.
- Expert talks from industry.
- Career guidance sessions from the experts.
- Doubt clearing sessions.
- Access to learning material and video lectures.
- Certificates by E&ICT Academy IIT Roorkee.

Focus Areas

- Python Essentials, Python Editors and IDEs
- Data Structures in Python, R Language Essentials
- Data Science foundation, Data Preparation (Numpy, Pandas)
- Visualization with Python, Statistics for Data Science
- Sql For Data Science, Deep Learning – Cnn Basics
- Projects and Assignments

Prerequisites

- No experience is required, but fundamental knowledge of any programming language would be helpful

Registration Link

http://tiny.cc/jbzwtz

Registration Fee

Fees: ₹ 14000/participant, non refundable (Applicable for all)

Note: Refund will be done in case of course cancellation only, with in 20 working days

How to make payment

https://eict.iitr.ac.in/Paymentdetails.html
Conference Code: EICTIITR-SUM-24

Course Coordinators

- Prof. R. Balasubramanian, CSE Department, IIT Roorkee
- Prof. Sanjeev Manhas, ECE Department, IIT Roorkee

Reach Us:

- Ph.: +91-8595486148, +91-9149130233
- Email: eict@iitr.ac.in